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Patent Application
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13. (Currently Amended) A integrated communication server of a private network operable to provide data applications for a mobile device, the server comprising an external data publisher operable to convert incoming data in one of a plurality of external data formats into incoming data in an internal data format, the external data format defining a structure of the incoming data.

14. (Currently Amended) The server of Claim 13, the external data publisher further operable to receive the incoming data in the external data format from an external data source, the external data format for the incoming data based on the external data source.

15. (Currently Amended) The server of Claim 14, the external data publisher further operable to send the incoming data in the internal data format to the mobile device.

16. (Currently Amended) The server of Claim 13, the external data publisher further operable to convert outgoing data in the internal data format into outgoing data in one of the external data formats, the external data format for the outgoing data based on a corresponding external data source operable to receive the outgoing data.

17. (Currently Amended) The server of Claim 16, the external data publisher further operable to receive the outgoing data in the internal data format from the mobile device.

18. (Currently Amended) The server of Claim 17, the external data publisher further operable to send the outgoing data in the external data format to the corresponding external data source.

19. (Currently Amended) The server of Claim 13, the external data publisher further operable to implement an abstraction of each of the external data formats.

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20. (Currently Amended) The server of Claim 19, the external data publisher further operable to provide an interface for each of a plurality of external data sources, each external data source corresponding to one of the external data formats, each of the interfaces decoupled from the abstraction of the corresponding external data format.

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21. (Currently Amended) A method for providing data applications for a mobile device through an integrated communication server of a private network, comprising:

receiving an unsolicited message in an external format from an external data source for the mobile device;

converting the unsolicited message from the external data format to an internal data format, the internal data format comprising extensible markup language defining a structure of data in the unsolicited message;

providing the unsolicited message in the internal data format to the mobile device;
receiving a first response message in the internal data format from the mobile device for the external data source, the first response message based on the unsolicited message;

converting the first response message from the internal data format to the external data format;

providing the first response message in the external data format to the external data source;

receiving a request message in an internal data format from the mobile device for an external data source;

converting the request message from the internal data format to an external data format;

providing the request message in the external data format to the external data source;

receiving a second response message in the external data format from the external data source for the mobile device, the second response message based on the request message;

converting the second response message from the external data format to the internal data format; and

providing the second response message in the internal data format to the mobile device.

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REMARKS

This Application has been carefully reviewed in light of the Office Action mailed May 19, 2004. At the time of the Office Action, Claims 1-21 were pending and stand rejected. In order to advance prosecution of this Application, Applicants have amended Claims 1-21. Applicants submit that no new matter has been added by these amendments. For at least the reasons discussed below, Applicants respectfully request reconsideration and favorable action in this case.

Section 102 and 103 Rejections

The Examiner rejects Claims 1, 3, 5, 7, 9, 11, and 13-20 under 35 U.S.C. §102(e) as being anticipated by Hawkins U.S. patent application 2001/0032354 ("*Hawkins*") and Claims 2, 4, 6, 8, 10, 12, and 21 under 35 U.S.C. § 103(a) as being unpatentable over *Hawkins*, in view of Halahmi U.S. Patent 6,684,088 ("*Halahmi*"). Applicants respectfully traverse these rejections.

A prior art reference anticipates a claim "only if *each and every element* as set forth in the claim is found, either expressly or inherently described," in that reference. *Verdegaal Bros. v. Union Oil Co.*, 814 F.2d 628, 631 (Fed. Cir. 1987) (emphasis added); *see also* M.P.E.P. § 2131 (quoting *Verdegaal Bros.*, 814 F.2d at 631); *see also* M.P.E.P. § 706.02 ("[F]or anticipation under 35 U.S.C. § 102, the reference must teach *every aspect* of the claimed invention either explicitly or impliedly."). In addition, "[t]he identical invention must be shown in as complete detail as is contained in the . . . claims" and "[t]he elements must be arranged as required by the claim." *Richardson v. Suzuki Motor Co.*, 9 USPQ 2d 1913, 1920 (Fed. Cir. 1989); *In re Bond*, 15 USPQ 2d 1566 (Fed. Cir. 1990); MPEP § 2131 (*emphasis added*).

Applicants submit that *Hawkins* fails to teach each and every element as claimed. For example, amended Independent Claim 1 recites, "converting the unsolicited message from the external data format to an internal data format." Applicants have made explicit what was implicit by amending "external format" to recite "external data format" and "internal format" to recite "internal data format." For the teaching of the limitation prior to these amendments, the Office Action merely offered passages that teach converting between transmission protocols such as compressed transport protocol (CTP) and HyperText Transport Protocol (HTTP). Page

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